

FORM PTO-1390 (Modified)  
(REV 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

215066US2PCT

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

09/926344

INTERNATIONAL APPLICATION NO.  
PCT/JP01/00779INTERNATIONAL FILING DATE  
2 February 2001PRIORITY DATE CLAIMED  
17 February 2000

## TITLE OF INVENTION

ELECTROLYSIS TYPE METHOD FOR PRODUCING WATER CONTAINING OZONE, APPARATUS THEREOF  
AND RECOVERY METHOD OF SOLID POLYMER ELECTROLYTE MEMBRANE

APPLICANT(S) FOR DO/EO/US

KANAYA Takafumi et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 20 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☐ Certificate of Mailing by Express Mail
23. ☒ Other items or information:



Request for Consideration of Documents Cited in International Search Report/Notice of Priority  
PCT/IB/304/Drawings (25 Sheets)/PCT/IB/308

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.492(a)(1)-(5)) <div style="font-size: 24pt; font-weight: bold;">097/926344</div>	INTERNATIONAL APPLICATION NO. <div style="font-weight: bold;">PCT/JP01/00779</div>	ATTORNEY'S DOCKET NUMBER <div style="font-weight: bold;">215066US2PCT</div>
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24. The following fees are submitted: <b>BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5) ) :</b> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1040.00</b> <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$890.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$740.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$710.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b> <div style="text-align: right; font-weight: bold;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>				<b>CALCULATIONS PTO USE ONLY</b>  <div style="border: 1px solid black; height: 100px; width: 100%;"></div>																																																																													
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				<b>\$890.00</b>																																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">CLAIMS</th> <th style="width:20%;">NUMBER FILED</th> <th style="width:20%;">NUMBER EXTRA</th> <th style="width:10%;">RATE</th> <th style="width:15%;"></th> <th style="width:10%;"></th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>24 - 20 =</td> <td>4</td> <td>x \$18.00</td> <td></td> <td><b>\$72.00</b></td> </tr> <tr> <td>Independent claims</td> <td>8 - 3 =</td> <td>5</td> <td>x \$84.00</td> <td></td> <td><b>\$420.00</b></td> </tr> <tr> <td colspan="4">Multiple Dependent Claims (check if applicable). <input checked="" type="checkbox"/></td> <td></td> <td><b>\$280.00</b></td> </tr> <tr> <td colspan="5" style="text-align: right; font-weight: bold;">TOTAL OF ABOVE CALCULATIONS =</td> <td><b>\$1,662.00</b></td> </tr> <tr> <td colspan="5" style="padding: 5px;">           Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.         </td> <td style="text-align: center; padding: 5px;"> <b>\$0.00</b> </td> </tr> <tr> <td colspan="5" style="text-align: right; font-weight: bold;">SUBTOTAL =</td> <td><b>\$1,662.00</b></td> </tr> <tr> <td colspan="4" style="padding: 5px;">           Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).         </td> <td colspan="2" style="text-align: center; padding: 5px;"> <b>\$0.00</b> </td> </tr> <tr> <td colspan="5" style="text-align: right; font-weight: bold;">TOTAL NATIONAL FEE =</td> <td><b>\$1,662.00</b></td> </tr> <tr> <td colspan="4" style="padding: 5px;">           Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/> </td> <td colspan="2" style="text-align: center; padding: 5px;"> <b>\$0.00</b> </td> </tr> <tr> <td colspan="5" style="text-align: right; font-weight: bold;">TOTAL FEES ENCLOSED =</td> <td><b>\$1,662.00</b></td> </tr> <tr> <td colspan="5" style="padding: 5px;"></td> <td style="text-align: center; padding: 5px;">           Amount to be refunded \$         </td> </tr> <tr> <td colspan="5" style="padding: 5px;"></td> <td style="text-align: center; padding: 5px;">           charged \$         </td> </tr> </tbody></table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			Total claims	24 - 20 =	4	x \$18.00		<b>\$72.00</b>	Independent claims	8 - 3 =	5	x \$84.00		<b>\$420.00</b>	Multiple Dependent Claims (check if applicable). <input checked="" type="checkbox"/>					<b>\$280.00</b>	TOTAL OF ABOVE CALCULATIONS =					<b>\$1,662.00</b>	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					<b>\$0.00</b>	SUBTOTAL =					<b>\$1,662.00</b>	Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				<b>\$0.00</b>		TOTAL NATIONAL FEE =					<b>\$1,662.00</b>	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/>				<b>\$0.00</b>		TOTAL FEES ENCLOSED =					<b>\$1,662.00</b>						Amount to be refunded \$						charged \$
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- a. ☒ A check in the amount of **\$1,662.00** to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **15-0030** A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:  <div style="border: 1px solid black; padding: 10px; text-align: center;"> <div style="font-weight: bold; font-size: 1.2em;">Surinder Sachar</div> <div style="font-weight: bold; font-size: 1.2em;">Registration No. 34,423</div> <div style="text-align: center;">   <div style="font-weight: bold; font-size: 1.2em;">22850</div> </div> </div>	<div style="text-align: center;">   <hr/>           SIGNATURE  <div style="font-weight: bold;">Marvin J. Spivak</div> <hr/>           NAME  <div style="font-weight: bold;">24,913</div> <hr/>           REGISTRATION NUMBER  <div style="text-align: center; margin-top: 20px;">Oct. 17 2001</div> <hr/>           DATE         </div>
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